

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-044407

(43)Date of publication of application : 14.02.1997

(51)Int.Cl.

G06F 12/14

G06F 12/00

(21)Application number : 07-197778

(71)Applicant : NEC ENG LTD

(22)Date of filing : 02.08.1995

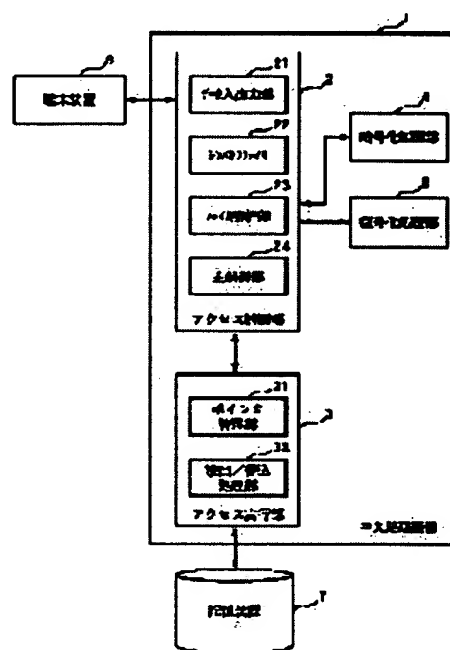
(72)Inventor : ISHIBASHI MAKOTO

## (54) METHOD FOR PROTECTING DATA FILE AND SECURITY SYSTEM

(57)Abstract:

**PROBLEM TO BE SOLVED:** To surely prevent the leakage of data file contents by making unauthorized access meaningless in a system provided with a highly confidential data file.

**SOLUTION:** This system is provided with an access execution part 3 for reading the data file requested from a user, an access control part 2 for controlling a password and managing where in a storage device 7 the record of the data file is positioned, a ciphering processing part 4 for ciphering the address of a record pointer and a deciphering processing for deciphering the address of the record pointer. The password is set for a data file unit, the password for setting the address of the next record pointer for connecting the respective records of the data file is ciphered as a key and the address can not be deciphered as long as the password is not inputted.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]